

103<sup>D</sup> CONGRESS  
1<sup>ST</sup> SESSION

# S. 1742

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control, and data communications, construction of facilities, research and program management, and Inspector General, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

NOVEMBER 20 (legislative day, NOVEMBER 2), 1993

Mr. ROCKEFELLER introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control, and data communications, construction of facilities, research and program management, and Inspector General, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

### 3   **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “National Aeronautics  
5   and Space Administration Authorization Act, Fiscal Year  
6   1994”.

1 **SEC. 2. FINDINGS.**

2 The Congress finds and declares the following:

3 (1) The end of the Cold War provides unprece-  
4 dented opportunities for civilian and defense agen-  
5 cies to coordinate and leverage resources and exper-  
6 tise in pursuing civilian research and development.

7 (2) The National Aeronautics and Space Ad-  
8 ministration undertakes research and development of  
9 technologies that could contribute to the competitive-  
10 ness of United States industry.

11 (3) New international alliances for major  
12 science and technology projects such as the Space  
13 Station should be forged when domestic economic  
14 concerns, as well as foreign policy issues, can be ad-  
15 dressed.

16 (4) The success of the Redesigned Space Sta-  
17 tion rests in the ability of the National Aeronautics  
18 and Space Administration to capitalize on the exper-  
19 tise of the Space Station Freedom program and to  
20 work closely with its contractor workforce and inter-  
21 national partners.

22 (5) Appointing a Deputy Administrator and  
23 Chief Financial Officer for the National Aeronautics  
24 and Space Administration is necessary to implement  
25 and manage changes in personnel and programs.

1           (6) The competitiveness of the United States  
2       aeronautics industry may be strengthened by in-  
3       creased Federal investment in selected aeronautics  
4       technologies.

5           (7) The space program undertakes unique  
6       health-related research which can be enhanced and  
7       leveraged through close collaboration with the Na-  
8       tional Institutes of Health.

9                   **TITLE I—AUTHORIZATION OF**  
10                   **APPROPRIATIONS**  
11       **SEC. 101. FISCAL YEAR 1994 AUTHORIZATION OF APPRO-**  
12                   **PRIATIONS.**

13           (a) RESEARCH AND DEVELOPMENT.—There are au-  
14       thorized to be appropriated to the National Aeronautics  
15       and Space Administration to become available October 1,  
16       1993, for “Research and Development” for the following  
17       programs:

18           (1) Redesigned Space Station, \$1,946,000,000,  
19       of which \$1,000,000,000 may not be obligated until  
20       the National Aeronautics and Space Administration  
21       reports to the Committee on Commerce, Science,  
22       and Transportation of the Senate and the Commit-  
23       tee on Science, Space, and Technology of the House  
24       of Representatives on the final configuration, sched-  
25       ule, and costs of the Redesigned Space Station com-

1       pared with the configuration, schedule, and costs of  
2       the Space Station Freedom program.

3           (2) Technology Investments, \$20,000,000, to  
4       initiate industry technology investment initiatives,  
5       except that no funds appropriated pursuant to this  
6       Act may be obligated for the establishment of any  
7       Technology Research Institute unless otherwise spe-  
8       cifically provided for by law.

9           (3) Space Transportation Capability Develop-  
10      ment, \$689,200,000, of which \$20,000,000 is au-  
11      thorized to develop improvements in existing expend-  
12      able launch vehicles.

13          (4) Physics and Astronomy, \$1,074,700,000, of  
14      which \$20,000,000 is authorized for augmenting the  
15      funding for Mission Operations and Data Analysis.

16          (5) Planetary Exploration, \$654,300,000, of  
17      which—

18           (A) \$65,000,000 is authorized to initiate  
19      the Discovery Planetary Program;

20           (B) \$125,400,000 is authorized for Re-  
21      search and Analysis; and

22           (C) \$1,000,000 is authorized for the costs  
23      of terminating the High Resolution Microwave  
24      Survey Program.

1           (6) Life and Microgravity Sciences and Applica-  
2       tions, \$485,000,000, of which—

3           (A) \$20,000,000 is authorized to fund re-  
4       search with the National Institutes of Health;  
5       and

6           (B) \$10,000,000 is authorized for a Space  
7       Station centrifuge.

8           (7) Mission to Planet Earth, \$1,098,900,000,  
9       of which—

10          (A) \$10,000,000 is authorized to initiate  
11       the development of the High Resolution  
12       Multispectral Stereo Imager for Landsat 7 with  
13       the Department of Defense;

14          (B) \$4,000,000 is authorized to initiate a  
15       data purchase demonstration program; and

16          (C) \$10,000,000 is authorized for the Con-  
17       sortium for International Earth Science Infor-  
18       mation network.

19           (8) Advanced Concepts and Technology,  
20       \$439,200,000.

21           (9) Aeronautics Research and Technology,  
22       \$1,020,700,000, of which—

23           (A) \$197,200,000 is authorized for High  
24       Speed Research;

1 (B) \$90,000,000 is authorized for Ad-  
2 vanced Subsonic Technology; and

3 (C) \$65,600,000 is authorized for High  
4 Performance Computing and Communications.

5 (10) Transatmospheric Research and Tech-  
6 nology, \$20,000,000.

7 (11) Safety, Reliability, and Quality Assurance,  
8 \$35,300,000.

9 (12) Academic Programs, \$86,000,000, of  
10 which \$7,000,000 is authorized to initiate competi-  
11 tive remote sensing technology applications projects  
12 in coordination with existing remote sensing pro-  
13 grams.

14 (13) Tracking and Data Advanced Systems,  
15 \$25,000,000.

16 (b) SPACE FLIGHT, CONTROL, AND DATA COMMU-  
17 NICATIONS.—There are authorized to be appropriated to  
18 the National Aeronautics and Space Administration to be-  
19 come available October 1, 1993, for “Space Flight, Con-  
20 trol, and Data Communication” for the following pro-  
21 grams:

22 (1) Space Shuttle Production and Operational  
23 Capability, \$1,050,000,000, of which—

1 (A) \$150,000,000 is authorized for the  
2 costs of terminating the Advanced Solid Rocket  
3 Motor program; and

4 (B) \$40,000,000 is authorized to initiate  
5 development of an aluminum lithium external  
6 tank.

7 (2) Space Shuttle Operations, \$2,850,000,000.

8 (3) Space and Ground Networks, Communica-  
9 tions, and Data Systems, \$770,000,000.

10 (4) Launch Services, \$300,000,000.

11 (c) CONSTRUCTION OF FACILITIES.—There are au-  
12 thorized to be appropriated to the National Aeronautics  
13 and Space Administration to become available October 1,  
14 1993, for “Construction of Facilities”, including land ac-  
15 quisition, as follows:

16 (1) Replacement of Mission Control Center Air  
17 Handlers, Johnson Space Center, \$8,000,000.

18 (2) Replacement of Thermal Vacuum Helium  
19 Refrigeration System, Johnson Space Center,  
20 \$7,400,000.

21 (3) Rehabilitation of Electrical Distribution  
22 System, Project Management Building, Johnson  
23 Space Center, \$2,200,000.

1           (4) Modification of Launch Complex 39 Exte-  
2       rior Utility Piping, Kennedy Space Center,  
3       \$1,200,000.

4           (5) Refurbishment of Launch Complex 39 Cool-  
5       ing System, Kennedy Space Center, \$4,000,000.

6           (6) Refurbishment of Launch Complex 39 Sec-  
7       ondary Circuit Breakers, Kennedy Space Center,  
8       \$3,300,000.

9           (7) Refurbishment of Vehicle Assembly Build-  
10      ing/Pad Water Storage Tanks, Kennedy Space Cen-  
11      ter, \$3,000,000.

12          (8) Rehabilitation of Industrial Area Fire  
13      Alarm Reporting System, Kennedy Space Center,  
14      \$4,900,000.

15          (9) Restoration of C-5 Substation, Launch  
16      Complex 39 Area, Kennedy Space Center,  
17      \$5,000,000.

18          (10) Restoration of Class III Landfill, Kennedy  
19      Space Center, \$1,900,000.

20          (11) Restoration of High Pressure Air Com-  
21      pressor System, Marshall Space Flight Center,  
22      \$8,500,000.

23          (12) Restoration of Electrical Power System,  
24      Marshall Space Flight Center, \$2,600,000.



1           (13) Repair of Decking and Roof, X-Ray and  
2           Staging Facility, Michoud Assembly Facility,  
3           \$1,500,000.

4           (14) Replacement of Cooling Tower and Boiler,  
5           Michoud Assembly Facility, \$4,000,000.

6           (15) Restoration of Space Shuttle Main Engine  
7           Test Complex High Pressure Industrial Water Sys-  
8           tem, Stennis Space Center, \$2,300,000.

9           (16) Restoration of High Pressure Gas Storage  
10          Capacity, Stennis Space Center, \$2,300,000.

11          (17) Restoration of Underground Communica-  
12          tion Distribution System, Stennis Space Center,  
13          \$3,800,000.

14          (18) Construction of Earth Systems Science  
15          Building, Goddard Space Flight Center,  
16          \$12,000,000.

17          (19) Replacement of Central Plant Steam and  
18          Electrical Generation Equipment, Goddard Space  
19          Flight Center, \$8,600,000.

20          (20) Restoration and Modernization of Chilled  
21          Water System, Goddard Space Flight Center,  
22          \$5,000,000.

23          (21) Restoration of Airfield, Wallops Flight Fa-  
24          cility, \$5,200,000.

1           (22) Replacement of Chillers and Modification  
2 of Related Systems, Various Buildings, Jet Propul-  
3 sion Laboratory, \$2,900,000.

4           (23) Phase I Facility Studies, Requirements  
5 Definition, Design, and Modification and Construc-  
6 tion of National Aeronautics Facilities, Various Lo-  
7 cations, \$74,000,000, except that none of these  
8 funds may be used to modify, improve, repair, or re-  
9 habilitate existing facilities.

10          (24) Modifications for Composite Technology  
11 Center, Lewis Research Center, \$27,000,000.

12          (25) National Transonic Facility Productivity  
13 Enhancement, Langley Research Center,  
14 \$60,000,000.

15          (26) Performance Improvements in 11-Foot  
16 Wind Tunnel, Ames Research Center, \$20,000,000.

17          (27) Rehabilitation of Control Systems, Na-  
18 tional Full-Scale Aerodynamics Complex, Ames Re-  
19 search Center, \$2,100,000.

20          (28) Upgrade of Outdoor Aerodynamic Re-  
21 search Facility, Ames Research Center, \$3,900,000.

22          (29) Modernization of the Unitary Plan Wind  
23 Tunnel Complex, Ames Research Center,  
24 \$25,000,000.

1           (30) Construction of EOSDIS Distributed Ac-  
2       tive Archive Center, Langley Research Center,  
3       \$8,000,000.

4           (31) Rehabilitation of Rocket Engine Test Fa-  
5       cility, Lewis Research Center, \$12,500,000.

6           (32) Construction of 34-Meter Multifrequency  
7       Antenna, Canberra, Australia, Jet Propulsion Lab-  
8       oratory, \$17,600,000.

9           (33) Repair, rehabilitation, and modification of  
10      facilities at various locations, not in excess of  
11      \$1,000,000 per project, \$36,000,000.

12          (34) Minor construction of new facilities and  
13      additions to existing facilities at various locations,  
14      not in excess of \$750,000 per project, \$14,000,000.

15          (35) Facility Planning and Design,  
16      \$27,000,000.

17          (36) Environmental Compliance and Restora-  
18      tion, \$50,000,000.

19   Notwithstanding paragraphs (1) through (36), the total  
20   amount authorized to be appropriated under this sub-  
21   section shall not exceed \$476,700,000 and not less than  
22   \$74,000,000 shall be used for the activities described in  
23   paragraph (23). No funds are authorized to be appro-  
24   priated for construction of Space Station Freedom facili-  
25   ties.

1 (d) RESEARCH AND PROGRAM MANAGEMENT.—

2 There are authorized to be appropriated to the National  
3 Aeronautics and Space Administration to become available  
4 October 1, 1993, for “Research and Program Manage-  
5 ment” \$1,640,000,000.

6 (e) INSPECTOR GENERAL.—There are authorized to  
7 be appropriated to the National Aeronautics and Space  
8 Administration to become available October 1, 1993, for  
9 “Inspector General” \$15,500,000.

10 (f) OVERALL LIMITATION ON REDESIGNED SPACE  
11 STATION AND RELATED COSTS.—Notwithstanding sub-  
12 sections (a), (b), (c), and (d), the total amount authorized  
13 to be appropriated under this section for the Redesigned  
14 Space Station and related Space Station costs, including  
15 scientific payloads and launch integration, shall not exceed  
16 \$2,100,000,000.

17 **SEC. 102. PERMANENT AUTHORIZATION FOR EXPERI-**  
18 **MENTAL PROGRAM TO STIMULATE COMPETI-**  
19 **TIVE RESEARCH ON SPACE AND AERO-**  
20 **NAUTICS.**

21 The Administrator of the National Aeronautics and  
22 Space Administration (hereinafter referred to as the “Ad-  
23 ministrator”) shall ensure that at least \$15,000,000 from  
24 appropriations under “Research and Development” is  
25 used annually for the Experimental Program to Stimulate

1 Competitive Research on Space and Aeronautics as estab-  
2 lished in title III of the National Aeronautics and Space  
3 Authorization Act, Fiscal Year 1993 (Public Law 102–  
4 588; 106 Stat. 5119).

5 **SEC. 103. USE OF FUNDS FOR CERTAIN ITEMS AND GRANTS.**

6 (a) AUTHORIZED USES.—Appropriations authorized  
7 under sections 101(a) and 101(b) may be used for—

8 (1) any items of a capital nature (other than  
9 acquisition of land) which may be required at loca-  
10 tions other than installations of the National Aero-  
11 nautics and Space Administration for the perform-  
12 ance of research and development contracts; and

13 (2) grants to institutions of higher education,  
14 or to nonprofit organizations whose primary purpose  
15 is the conduct of scientific research, for purchase or  
16 construction of additional research facilities.

17 (b) VESTING OF TITLE; GRANT CONDITIONS.—Title  
18 to facilities described in subsection (a)(2) shall be vested  
19 in the United States unless the Administrator determines  
20 that the national program of aeronautical and space activi-  
21 ties will best be served by vesting title in the grantee insti-  
22 tution or organization or that the Federal contribution to  
23 such purchase or construction is not substantial enough  
24 to warrant vesting title in the United States. Each grant  
25 under subsection (a)(2) shall be made under such condi-

1 tions as the Administrator shall determine to be required  
2 to ensure that the United States will receive therefrom  
3 benefits adequate to justify the making of that grant.

4 (c) LIMITATION.—None of the funds appropriated  
5 under sections 101(a) and 101(b) may be used in accord-  
6 ance with this section for the construction of any facility,  
7 the estimated cost of which, including collateral equip-  
8 ment, exceeds \$750,000 unless 30 days have passed after  
9 the Administrator has notified the Committee on Com-  
10 merce, Science, and Transportation of the Senate and the  
11 Committee on Science, Space, and Technology of the  
12 House of Representatives of the nature, location, and esti-  
13 mated cost of such facility.

14 **SEC. 104. AVAILABILITY OF APPROPRIATED AMOUNTS.**

15 Appropriations authorized under section 101 (a), (b),  
16 and (c) may remain available until expended. Contracts  
17 may be entered into with funds appropriated under section  
18 101(d) or (e) for training, investigations, and costs associ-  
19 ated with personnel relocation and for other services pro-  
20 vided during the fiscal year following the fiscal year for  
21 which funds are appropriated.

22 **SEC. 105. LIMITED USE OF FUNDS.**

23 (a) USE FOR SCIENTIFIC CONSULTATIONS OR EX-  
24 TRAORDINARY EXPENSES.—Appropriations authorized  
25 under section 101(a) may be used, but not to exceed

1 \$35,000 per fiscal year, for scientific consultations or ex-  
2 traordinary expenses upon the authority of the Adminis-  
3 trator, and the Administrator's determination shall be  
4 final and conclusive upon the accounting officers of the  
5 Government.

6 (b) USE FOR FACILITIES.—(1) Except as provided  
7 in paragraph (3), appropriations authorized under sec-  
8 tions 101(a) and 101(b) may be used for the construction  
9 of new facilities and additions to, repair of, rehabilitation  
10 of, or modification of existing facilities, except that the  
11 cost of each such project, including collateral equipment,  
12 shall not exceed \$200,000 per fiscal year.

13 (2) Appropriations authorized under sections 101(a)  
14 and 101(b) may be used for unforeseen programmatic fa-  
15 cility project needs, other than those described in para-  
16 graph (1), except that the cost of each such project, in-  
17 cluding collateral equipment, shall not exceed \$750,000  
18 per fiscal year.

19 (3) Appropriations authorized under section 101(a)  
20 may be used for repair, rehabilitation, or modification of  
21 facilities controlled by the General Services Administra-  
22 tion, except that the cost of each such project, including  
23 collateral equipment, shall not exceed \$500,000 per fiscal  
24 year.

1       (4) Notwithstanding any other provision of this sec-  
2 tion, authority to reprogram appropriations authorized  
3 under sections 101(a) and 101(b) does not apply to appro-  
4 priations authorized under sections 101(a)(1) and  
5 101(a)(9).

6 **SEC. 106. REPROGRAMMING FOR CONSTRUCTION OF FA-**  
7 **CILITIES.**

8       Appropriations authorized under section 101(c)—

9           (1) in the discretion of the Administrator may  
10       be varied upward by 10 percent; or

11           (2) after the expiration of 30 days of following  
12       a report by the Administrator to the Committee on  
13       Commerce, Science, and Transportation of the Sen-  
14       ate and the Committee on Science, Space, and Tech-  
15       nology of the House of Representatives on the cir-  
16       cumstances of such action, may be varied upward by  
17       24 percent, to meet unusual cost variations.

18       The total amount authorized to be appropriated under sec-  
19 tion 101(c) shall not be increased as a result of actions  
20 authorized under paragraphs (1) and (2) of this section.

21 **SEC. 107. CONSIDERATION BY COMMITTEES.**

22       Notwithstanding any other provision of this Act—

23           (1) no amount appropriated pursuant to this  
24       Act may be used for any program deleted by the  
25       Congress from requests as originally made by the



1 President for the National Aeronautics and Space  
2 Administration to either the Committee on Com-  
3 merce, Science, and Transportation of the Senate or  
4 the Committee on Science, Space, and Technology of  
5 the House of Representatives;

6 (2) no amount appropriated pursuant to this  
7 Act may be used for any program in excess of the  
8 amount actually authorized for the particular pro-  
9 gram by section 101(a), 101(b), or 101(d); and

10 (3) no amount appropriated pursuant to the  
11 Act may be used for any program which has not  
12 been presented to either such committee,

13 unless a period of 30 days has passed after the receipt,  
14 by each such committee, of notice given by the Adminis-  
15 trator containing a full and complete statement of the ac-  
16 tion proposed to be taken and the facts and circumstances  
17 relied upon in support of such proposed action. The Na-  
18 tional Aeronautics and Space Administration shall keep  
19 the Committee on Commerce, Science, and Transportation  
20 of the Senate and the Committee on Science, Space, and  
21 Technology of the House of Representatives fully and cur-  
22 rently informed with respect to all activities and respon-  
23 sibilities within the jurisdiction of those committees. Any  
24 Federal department, agency, or independent establishment

1 shall furnish any information requested by either commit-  
2 tee relating to any such activity or responsibility.

3 **SEC. 108. LIMITATION ON OBLIGATION OF UNAUTHORIZED**  
4 **APPROPRIATIONS.**

5 Not later than 30 days after the later of the date  
6 of enactment of an Act making appropriations to the Na-  
7 tional Aeronautics and Space Administration for fiscal  
8 year 1994 or the date of enactment of the Act, the Admin-  
9 istrator shall submit a report of Congress and to the  
10 Comptroller General which specifies—

11 (1) the portion of such appropriations which are  
12 for programs, projects, or activities not specifically  
13 authorized under this Act, or which are in excess of  
14 amounts authorized for the relevant program,  
15 project, or activity under this Act; and

16 (2) the portion of such appropriations which are  
17 specifically authorized under this Act.

18 **SEC. 109. SPECIAL REPROGRAMMING FOR SPACE CO-**  
19 **OPERATION WITH RUSSIA.**

20 The Administrator may reprogram up to  
21 \$100,000,000 of the amount authorized for “Research  
22 and Development” and “Space Flight, Control, and Data  
23 Communications” (except for funds authorized under sec-  
24 tions 101(a)(1) and 101(a)(9)) for purposes of cooperat-  
25 ing with Russia in space. No funds so reprogrammed may

1 be obligated until a period of 30 days has passed after  
2 the Administrator has notified the Committee on Com-  
3 merce, Science, and Transportation of the Senate and the  
4 Committee on Science, Space, and Technology of the  
5 House of Representatives of such reprogramming.

## 6 **TITLE II—MISCELLANEOUS PROVISIONS**

### 7 **SEC. 201. USE OF NASA LIFE SCIENCES FACILITIES.**

8 The Administrator shall issue regulations to provide  
9 use of life sciences facilities by extramural investigators  
10 pursuant to title VI of the National Aeronautics and Space  
11 Administration Authorization Act, Fiscal Year 1993 (42  
12 U.S.C. 2487 et seq.) and enter into reciprocal agreements  
13 with the National Institutes of Health to provide access  
14 to the ground-based research facilities of the National Aer-  
15 onautics and Space Administration in life sciences.

### 16 **SEC. 202. ORBITAL RESEARCH PLAN.**

17 The Administrator shall, at the time of submission  
18 of the President's fiscal year 1995 budget, transmit to the  
19 Congress a detailed Orbital Research Plan that establishes  
20 the science research priorities for the next 5 years for life  
21 sciences, materials research, and biotechnology research.  
22 The plan shall include budgets, with the associated sup-  
23 port costs, for the Spacelab, Spacehab, Comet, Mir, and  
24 Redesigned Space Station programs.

1 **SEC. 203. INDEPENDENT INVESTIGATIONS FOLLOW-UP.**

2 The Administrator shall report annually, to the Com-  
3 mittee on Commerce, Science, and Transportation of the  
4 Senate and the Committee on Science, Space, and Tech-  
5 nology of the House of Representatives at the time of the  
6 submission of the President's budget request, on—

7 (1) all actions taken by the National Aero-  
8 nautics and Space Administration to remedy prob-  
9 lems and adopt recommendations identified by each  
10 panel convened to investigate vehicle or systems fail-  
11 ures and losses; and

12 (2) where such recommendations have not been  
13 adopted, the reasons for not pursuing such rec-  
14 ommendations.

15 **SEC. 204. REQUIREMENT FOR INDEPENDENT COST ANALY-**  
16 **SIS.**

17 The Chief Financial Officer for the National Aero-  
18 nautics and Space Administration shall be responsible for  
19 conducting independent cost analyses of all new projects  
20 estimated to cost \$200,000,000 or more, including the life  
21 cycle costs of research and development, space transpor-  
22 tation, construction of facilities, and research and pro-  
23 gram management, and shall report the results and up-  
24 date the results annually to Congress at the time of the  
25 submission of the President's budget request.

1 **SEC. 205. FACILITIES REVIEW.**

2 (a) REVIEW.—The Administrator shall conduct a re-  
3 view of the costs of maintaining all facilities owned by the  
4 National Aeronautics and Space Administration. The re-  
5 view shall address—

6 (1) the function of each facility and its con-  
7 tribution to National Aeronautics and Space Admin-  
8 istration missions;

9 (2) the current estimated value of each facility  
10 and associated land, including details on assets and  
11 liabilities; and

12 (3) operating costs of each facility.

13 (b) REPORT.—The Administrator shall report on the  
14 results of the facilities review required by subsection (a),  
15 to the Committee on Commerce, Science, and Transpor-  
16 tation of the Senate and the Committee on Science, Space,  
17 and Technology of the House of Representatives at the  
18 time the President submits the fiscal year 1995 budget  
19 to Congress.

20 **SEC. 206. COMMERCIAL SPACE LAUNCH TRANSPORTATION.**

21 (a) AMENDMENT.—Section 24 of the Commercial  
22 Space Launch Act (49 App. U.S.C. 2623) is amended by  
23 inserting “and for fiscal year 1994 \$4,467,000” after  
24 “\$4,900,000”.

25 (b) REGULATIONS.—The Secretary of Transportation  
26 shall issue regulations on insurance and liability under the

1 Commercial Space Launch Act (49 App. U.S.C. 2601 et  
2 seq.) that include—

3 (1) guidelines for industry to obtain sufficient  
4 insurance coverage for potential damages to third  
5 parties;

6 (2) procedures for requesting and obtaining li-  
7 censes to operate a commercial launch vehicle and  
8 reentry vehicle;

9 (3) procedures for requesting and obtaining op-  
10 erators licenses for launch and reentry; and

11 (4) procedures for the application of govern-  
12 ment indemnification.

13 **SEC. 207. OFFICE OF AERONAUTICS AND SPACE COM-**  
14 **MERCE AUTHORIZATION.**

15 There are authorized to be appropriated to the Sec-  
16 retary of Commerce for the Office of Aeronautics and  
17 Space Commerce \$538,000 for the coordination and devel-  
18 opment of all policy recommendations and activities per-  
19 taining to commercial aeronautics and space except those  
20 functions and activities explicitly assigned by statute to  
21 other Federal agencies.

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